In the Claims

The following amendments are made with respect to the claims in the International application PCT/GB2004/004996.

This listing of claims will replace all prior versions and listings of claims in this application.

1 (original). A method for producing a micro-particle dry powder comprising a viral particle, comprising the steps of:

spray-drying a mixture of the viral particle and a stabilizing carbohydrate using an outlet temperature of no more than 60°C.

2 (original). The method according to claim 1, wherein the stabilizing carbohydrate is trehalose.

3 (currently amended). The method according to claim 1 ~~or claim 2~~, wherein the concentration of the carbohydrate is from 2% w/v to 70% w/v.

4 (currently amended). The method according to ~~any preceding~~ claim 1, wherein the concentration of the carbohydrate is from 30% w/v to 60% w/v.

5 (currently amended). The method according to ~~any preceding~~ claim 1, wherein the concentration of the carbohydrate is from 40% w/v to 55% w/v.

6 (currently amended). The method according to ~~any of claims 1-3~~ claim 1, wherein the concentration of the carbohydrate is from 6% w/v to 12% w/v.

7 (currently amended). The method according to ~~any preceding~~ claim 1, wherein the spray dryer has an outlet temperature from 20 to 40°C.

8 (currently amended). The method according to ~~any preceding~~ claim 1, wherein the feed rate of the spray dryer is from 0.05 to 2 g/min.

9 (currently amended). The method according to ~~any preceding~~ claim 1, wherein the spray dryer nozzle-tip configuration is 1 bar 10L/sec to 3 bar 30L/sec.

10 (currently amended). The method according to ~~any preceding~~ claim 1, wherein the spray dryer nozzle-tip configuration is 1.5 bar 14L/sec.

11 (currently amended). The method according to ~~any of claims 1 to 9~~ claim 1, wherein the spray dryer nozzle-tip configuration is 3 bar 22L/sec.

12 (currently amended). The method according to ~~any preceding~~ claim 1, wherein the drying air pressure is from 1.5 bar to 3 bar.

13 (currently amended). The method according to ~~any preceding~~ claim 1, wherein the drying air flow rate is from 4.8L/sec to 8L/sec.

14 (currently amended). The method according to ~~any preceding~~ claim 1, wherein the atomization air flow rate is from 0.10 to 0.6L/sec.

15 (currently amended). The method according to ~~any preceding~~ claim 1, wherein the virus is an envelope virus.

16 (currently amended). The method according to ~~any preceding~~ claim 1, wherein the virus is measles.

17 (currently amended). A virus-containing micro-particle dry powder obtainable by ~~the method of any of claims 1 to 16~~ a method comprising the steps of:

spray-drying a mixture of the viral particle and a stabilizing carbohydrate using an outlet temperature of no more than 60°C.

18 (currently amended). [[A]] The virus-containing micro-particle dry powder according to claim 17, wherein each micro-particle is suitable for deep lung deposition.

19 (currently amended). [[A]] The virus-containing micro-particle dry powder according to claim 17, wherein each micro-particle is suitable for bronchiolar and upper pulmonary tract deposition.

20 (currently amended). [[A]] The virus-containing micro-particle dry powder according to claim 17, wherein the powder is suspended in a non-aqueous medium.

21 (currently amended). [[A]] The virus-containing micro-particle dry powder according to claim 20, wherein the non-aqueous medium is a perfluorocarbon.

22 (currently amended). [[A]] The virus-containing micro-particle dry powder according to claim 20, wherein the non-aqueous medium is an oil, selected from the group consisting of:

sesame oil, arachis oil, soya oil, mineral oil and ethyloeate.

23 (currently amended). [[A]] The virus-containing micro-particle dry powder according to claim 20, wherein the non-aqueous medium is selected from the group consisting of:

glycerol, ethylene glycol, propylene glycol, propylene oxide and polypropylene glycol.

24 (currently amended). A vaccine comprising a virus-containing micro-particle dry powder ~~according to claim 17,~~ wherein said powder is obtainable by a method comprising the steps of:

spray-drying a mixture of the viral particle and a stabilizing carbohydrate using an outlet temperature of no more than 60°C for use in a method of therapy.

25 (currently amended). ~~The use of a virus-containing micro-particle dry powder according to claim 17, in the manufacture of a vaccine~~ A method for the treatment or prevention of a viral infection, wherein said method comprises administering, to a patient in need of such treatment, a virus-containing micro-particle dry powder obtainable by a method comprising the steps of:

spray-drying a mixture of the viral particle and a stabilizing carbohydrate using an outlet temperature of no more than 60°C

26 (currently amended). The [[use]] method according to claim 25, wherein the infection is measles.

27 (currently amended). The [[use]] method according to claim 26, wherein the powder is processed in the form of a tablet or capsule.

28 (currently amended). A sachet comprising ~~a micro-particle dry powder according to claim 17~~ a virus-containing micro-particle dry powder obtainable by a method comprising a viral particle, comprising the steps of:

spray-drying a mixture of the viral particle and a stabilizing carbohydrate using an outlet temperature of no more than 60°C.